

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(h))

APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27

3. Specification [Total Pages 21]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Pages: 2]

5. **Oath or Declaration** [Total Pages: _____]

a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8 Nucleotide and/or Amino Acid Sequence Submission
if applicable, all necessary

- a Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies), or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (*if applicable*)

12. Information Disclosure Copies of IDS Citations
Statement (IDS)/PTO-1449

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(*Should be specifically itemized*)

15. Certified Copy of Priority Document(s)
(*If foreign priority is claimed*)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other **Title Page**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.

Prior application information: Exam/perm Group Ad Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label		020457 (Insert Customer No. or Attorney bar code label here)	or <input type="checkbox"/> Correspondence address below	
Name		ANTONELLI, TERRY, STOUT & KRAUS, LLP		
Address				
City		State	Zip Code	Fax
Country		Telephone	(703) 312-6600	
Name	Alan E. Schiavelli		Registration No. (Attorney/Agent)	32,087
Signature			Date	January 16, 2002

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 866.00)

METHOD OF PAYMENT

The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:
Deposit Account Number 01-2135
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status
See 37 CFR 1.27

Payment Enclosed:
 Check Credit Card Money Order Other

FEES CALCULATION

2. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)			740.00

1. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 27 - 20** = 7	x 18.00	= 126.00
Indep. Claims 3-3** = 0	x	=

Multiple Dependent

Large Entity Fee	Entity Fee	Small Entity Fee	Entity Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	
103 18	203 9	9	Claims in excess of 20
102 84	202 42	42	Independent claims in excess of 3
104 280	204 140	140	Multiple dependent claim, if not paid
109 84	209 42	42	** Reissue independent claims over original patent
110 18	210 9	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)			\$ 126.00

**or number previously paid, if greater; For Reissues, see above.

Complete if Known			
Application Number			
Filing Date	January 16, 2002		
First Named Inventor	DUBIN, VALERY M.		
Examiner Name			
Group Art Unit			
Attorney Docket No.	219.40227X00		

FEES CALCULATION (continued)

3. ADDITIONAL FEES

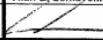
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examination action	
113 1,640*	113 1,640*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 450	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 161	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(d)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (file a copy of the assignment)	
146 740	246 370	For each additional invention to be examined (37 CFR § 1.129(e))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(f))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Alan E. Schiavelli	Registration No. (Attorney/Agent)	32,087	Telephone	
Signature				Date	01/18/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the complexity of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.